

Instrumentation for the R0 (Zero-Power) Reactor,
by C. Jonsson,
~~Swedish~~
~~GERMAN~~, per, Teknisk Tidskrift, Vol XC, 1960,
pp 131-136.

*AEC

Sci - Phys
Jun 60

Instrumentation for the R0 (Zero-Power) Reactor,
by C. Jonsson.

SWEDISH, per, Teknisk Tidskrift, Vol XC, 1960,
pp 131-136.

*AERE-~~3~~

May 62
Vol 4, No 6

Ductility and Brittle Fracture, by E.
Steneroth.

SWEDEN, per, Teknisk Tidskrift, Vol 82
XC, No 10, 1960, pp 221-226:

RB 5469

Sci - Min/Mat
May 62

196, 297

Dahlgren, Sven-Eric.
THE PRECISION IN ABSORPTION SPECTROPHOTO-
METRIC ANALYSIS. [1963] 15p. (figs. formulae
omitted) 7 refs
Order from SLA \$1.60 63-16214

Trans. of reprint of Teknisk Tidskrift (Sweden)
1960 [v. 90] 14 Oct [p. 983-988].

DESCRIPTORS: *Laboratory equipment, *Spectro-
photometers, Operation, Absorption spectrum, Errors,
Calibration, Temperature, Refractive index, Electric
potential, Stability.

(Physics--Spectroscopy, TT, v. 10, no. 11)

63-16214

I. Dahlgren, S.-E.

Office of Technical Services

Unit for Raising the Water to Thicken Ice,
by Bengt Brunes. 3pp

SWEDISH, per, Teknisk Tidskrift, 1960, p 1288.
Call No. T4, T27 V.90 No. 46.

AMS

Sci - Geophys
Jul 61

159,438

N. S. Savannah, by Lennart Swenson, etc, 28 pp.

SWEDISH, ^{per} ~~check~~et, Teknisk Tidskrift, 16 Dec 1960.

US Dept of Commerce
Maritime Admin
Div of Office Services

Sc1
May 61

148,811

Russian Oil Production and Export, by Hans Widborgh,
4 pp. UNCLASSIFIED

SWEDISH
VECHEN, per, Teknisk Tidskrift, No 1, 1961, p 9.

Navy/ONI 5112358

USSR
Recon
Mar 61

141,209

Aasalund, Nils.
OPTIMAL CONTROL. [1961] 23p.
Order from STT \$20.00

STT-185-664

Trans. of Teknisk Tidskrift (Sweden) 1961 [v. 91]
no. 19, p. 529-536.

DESCRIPTORS: *Automation, Control.

(Machinery--Manufacturing, TT, v. 7, no. 4)

61-25672

- I. Aasalund, N.
- II. STT-185-664
- III. SCIENTECH, Scientific
and Technical Trans-
lations,
Cleveland, Ohio

Office of Technical Services.

The Marking of Steel with Radio-Active
Isotopes, by L. Ameen, H. G. Forsberg.
SWEDISH, per, Tekn Tidsk, Vol 91, 9 Jun 1961,
pp 671-673.
BISI 5818

Sci/Mat
Dec 68

354,432

Wranglen, Gosta.
THE THEORY OF CHLORATE ELECTROLYSIS.
[1963] 14p (figs refs omitted)
Order from SLA \$1.60 TT-64-10484

Trans. of Teknisk Tidskrift (Sweden) 1962 [v. 92]
no. 10, p. 197-200. (Abstract available)

DESCRIPTORS: *Chlorates, *Electrolysis, Theory,
Chemical reactions, Reduction (Chemistry), Sodium
compounds, Chlorides, Viscosity, Electrochemistry,

The mechanism of the chlorate electrolysis can be explained as follows: Dissolved chlorine formed at the anode reacts in the main electrolyte body with alkali from the cathode under formation of hypochlorite. The amount of hypochlorite, which does not reach the reactor outside of the electrolytic cell for auto-oxidation to chlorate, is destroyed by cathodic reduction to chloro- (Chemistry--Physical, TT, v. 11, no. 10) (over)

TT-64-10484

I. Wranglen, G.

Office of Technical Services

Refrigeration Tent, *2 pp.*

SWEDISH, per, Tehnisk Tidskrift, Aug 1962,
~~NY 7261X~~ p 276.

ACSI I-8211
ID 2224744

Sci - Misc
8 Feb 63

THE INDUSTRY OF SKANE, BY GAH, 9 PP.

SWEDISH, PER, TEKNISK TIDSKRIFT, NO 15, 1962,
PP 409-411, CALL NO T4 T27 V92, ENG TRANS.

ARMY MAP SERVICE

WEEUR-SWEDEN

ECON

20 AUG 62

207,305

Swedish Rocket Launchings for Space Research,
by L. Rey.
SWEDISH, per, Teknisk Tidskrift, Vol XCII, 1962,
pp 1097-1103.
NASA TT F-8400

Sci - Aero
MAR 64
U. S. GOVERNMENT ONLY

251,952

A Solution to the Need for a General Purpose Com-
puter - D21, by Borje Langefors, 15 pp.
FOR OFFICIAL USE ONLY
SWISS, per, Teknisk Tidsskrift, No 43, 1962,
pp 1191-1198. 9697681
PSTC 381-T65-281

Sci - DP
Aug 65

ACSI I-7257
ID 2204017965

287,259

Oxelosund Steelworks, by N. Bonthron.

SWEDISH, per, Teknisk Tidskrift, 1962,
pp 1217-1251.

NZDIA

Sci-M/M

Aug 63

342,023

Standardization of Large Containers, *2 pp.*

SWEDISH, per, Teknisk Tidskrift, No 48,
28 Dec 1962, p 1359.

*/**ACSI I-2721
ID 2235142

Kci - Engr
21 Jun 63

The Effect of an Air Bubble Screen on Pressures Due to
Underwater Explosions.
SWEDISH, per, Teknisk Tidskrift, Vol 8, 1963.
DIA IN 744-71

Sept 71

Expansion of Electric Power During the 1970's,
by Nils Holmin, 19 pp.

SWEDISH, per, ~~Teknisk Tidsskrift~~, No 2, 1963,
pp 81-86. (Call No Uncatalogued Eng Tr)

Army Map Service

WEur - Sweden
Econ
Sep 63

344,059

Project for a Nuclear Energy Powered
Bulk Cargo Ship, by BoJ -SHI. 6 pp.
SWEDISH, per, Teknisk Tidskrift, No 10,
March 1963, pp 205-207.
DIA LN 278-65

Sci-N. Sci
#fffFeb 66

294,597

Pelletising, by P. A. Ilmon.
SWEDISH, per, Teknisk Tidskrift, 1963, pp 571-578.
NZDIA

Sci - M/M
Apr 64

254,621

Electric Arc Furnaces as Load Object, by
V. Lanner, P. E. Torseke.
SWEDISH, per, Teknisk Tidskrift, No 9, 1963,
pp 789-796.
BISI 3610

Sci - M/M
May 64

~~255,031~~
258,894

British Hovercraft in the Sound, by Olle Ljungstrom,
7 pp.
SWEDISH, per, Teknisk Tidskrift, No 11, 1963.
ACSI I-5440
ID 2204036964

Sci - Aero
Nov 64

269,057

The Short-Takeoff Aircraft at the 1963 Le Bourget
Exhibition, by Olle Ljungstrom, 17 pp.
SWEDISH, per, Teknisk Tidskrift, No 37, 1963,
pp 963-973.
ACSI I-5453
ID 2204037764

Sci - Aero
Jan 65

270,822

Hovercraft Under Development, by Olle Ljungstrom,
20 pp.
SWEDISH, per, Teknisk Tidskrift, No 3, 22 Jan 1964,
pp 41-49.
ACSI I-5474
ID 2204038664

Sci - Aero
Dec 64

269,255

Continuous Steelmaking, by Prof.
Sven Eketorp.
SWEDISH, per, Teknisk Tidskrift, Vol 94,
No 45, 1964, pp 1229-1232.
HB 6815

Sci-M&M
Jul 66

304,372

Recent Observations on the Decomposition of Raw
Phosphates With Sulphuric Acid, by R. Lehrecke,
2 pp.

SWEDISH

~~OSWALD~~, per, Tek Tid Uppl C, Vol LXV, 1935,
pp 81-85, 97, 104.

SIA Tr 1638 Jan 1957

Sci - Chem
Apr 1957

46,193

The Action of Gases on Metals, by Sigurd Hørst, 18 p.

NORWEGIAN, per, Teknisk Ukeblad, 1921, Vol XXXIX, No 7, pp 77-79, No 8, pp 85-89.

8
SLA 59-20622

Sci
Apr 60
Vol XII, No 2

III, 675

Cracks in Fillet Welds and Their Causes, by
E. Helin, 13 pp.

GERMAN, per, Tekn Ukeblad, Vol LXXXVII, 1950, ⁴
pp 305-307. _A

SIA 57-1147

Sci - Engr

58, 216

Feb 58

V
The Uranium Reactor at Kjeller and Its Prospective
Radioisotope Production, by Einar Saland, 15 pp.

NORWEGIAN, per, Teknisk Ukeblad, 6 Sep 1951.

S.L.A. Tr 582/1955

Sci - Nuclear Physics
Apr 1957 CTS/dex

50, 227

Table of Contents of "Technical Weekly".

NORWEGIAN, per, Teknisk Ukeblad, No 19, August 53.
Incl 14 to C-1-54.

NoEur - Norway
Economics

Electric Fishing, by D. Brothar.

NORWEGIAN, per, Teknisk Ukeblad, Vol CI, Apr 1954,
pp 369-376.

ASLIB-GB125

Sci

Aug 58

71,363

The Dangers From Fallout of Radioactive Strontium
After Atomic Bomb Explosions, by Hilif Dahl, 17 pp.

GERMAN, per, Tek Ukeblad, Aug 1957.

ABC 3424

Sci - Nuc Phys

Dec 58

78,254

Surface Corrosion, by S. Berg. UNCL

ECHEMICAL, part, Tekniak Ukeblad, 10 Apr
1958, pp 323-331.

BIBI 1479

(15 58.06.)

Sci - Min/Met
Dec 59

101, 462

Fire Resistance of Prestressed Concrete, by
Hans Anton Bakke, 9 pp.

NORWEGIAN, per, Teknisk Ukeblad, Vol CV, No 28,
1958, pp 651-658.

SLA 60-14007

Sci

OTS, Vol III, No 8

Apr 61

145,141

Steel for Reinforced Concrete, by L. Thomas..

UKCL

NORWEGIAN

~~SWEDISH~~, por, Tek Uke, No 11, 1958, pp 1011-1018.

BIBI 1435

OTS 62-14328

(LA 15a.Cd.)

Sci - Min/Mat
Apr 60

114,282

LKAB and Its Significance for North Norway,
by K. Dahlgren. 8 pp

NORWEGIAN, per, Teknisk Ukeblad, 23 Jun 1960,
pp 532-534. Call No. T4, T28, V 107, No. 25.

AMS

NoDur - Norway
Pol
Jul 61

159,435

<p>Grøner, Chr. F. THE MALPASSET DAM. [1961] 3p. Order from SLA ml\$1.80, ph\$1.80</p> <p>Trans. of Teknisk Ukeblad (Norway) 1960, v. 107, no. 28 [p. 616-617].</p> <p>A summary is presented of a preliminary report by a committee appointed by the French Department of Agriculture on the causes for the failure of the Malpasset dam.</p> <p>(Engineering--Civil, TT, v. 3, no. 12)</p>	<p>61-10804</p> <p>1. Dams--Failure 2. Accidents--Analysis 3. Title: Malpasset dam 1. Grøner, C. F.</p> <p>148656</p> <p>Office of Technical Services</p>
--	---

Frictional and Wear Properties of Plastic Materials,
by Thor Meland, 25 pp.

NORWEGIAN, per, Teknisk Ukeblad, Vol CIX, No 14,
1962, pp 351-360.

SWA 63-18688
Navy Tr 3339/NRL 925

Sci - Materials and Metallurgy
Mar 63

224,866

The ~~ENG~~ Orange River Project, by Per Fossberg,
5 pp.

NORWEGIAN, por, Teknisk Uppbld, 1962, pp 925, 926.
(Call No. T4 T20)

Army Map Service

WEur - Norway
Geog
12 Mar 63

224,798

Educational Training of Documentalists, 31 pp.

SWEDISH, per, Teknisk-Vetenskaplig Forskning,
Vol XXXIII, No 8, 1962, pp 345-359. 9683398

Navy Tr 3409/NRL 935

WEAR - Sweden

Soc

Jun 63

231,927

Biological Warfare Materials and Certain Defense
Problems to be Considered, by Carl-Goran Heden,
21 pp.
SWEDISH, per, Teknisk-Vetenskaplig Forskning,
Vol XXXIV, No 2, 1963, pp 55-67. 9696251
RSTC 381-T64-56

WT
MI1
Mar 65

276,328

On the Reproducibility of the Electrode Potential
of Silver, by T. E. Brehmer.

SWEDISH, per, Tekniska Foreningen i Finland,
Helsinki: Forhandligar, No 1, 1955, pp 14-18,
No 4, 1955, pp 71-75.

Nat. Tr 2938/ NRL Tr 869

Sci - Chem

Nov 61

174,186

Production and Marketing of Some of the Principal
Textile Products During the Past Year, by Vladimir
Matic, 10 pp. UNCLASSIFIED

SERBIAN, per, Tekstilna Industrija, Mar 1959, No 39
Encl to ~~Report~~ Agr No 10, Belgrade, 28 Aug 1959

1

Foreign Agricultural Serv Rpt

HE - Yugoslavia
Econ
Nov 59

101,694

Yugoslav Textile Industry in 1958, by Andrej
Kozan, 6 pp. UNCLASSIFIED

SERBIAN, per, Tekstilna Industrija, Apr 1959,
No 40, Encl 2 to Bgr No 10, Belgrade, 28 Aug
1959.

Foreign Agri Serv Rpt

EE - Yugoslavia
Econ
Nov 59

101,696

Prospective Plan for Development of Textile Industry
of Yugoslavia, by Dusan Colic, 7 pp. UNCLASSIFIED

SERELAN, per, Tekstilna Industrija, No 10, Oct 1959,
Encl to Agr Rpt No 47, Belgrade, 15 Jan 1960.

Foreign Agr Rpt
4414802

EE - Yugoslavia
Econ
Feb 60

108,331

(NY-6450)

The Assortment of Fabrics for 1962, by
Angel Ovcharov, 8 pp.

BULGARIAN, per, Tekstilna Promishlenost,
No 6, Nov/Dec, pp 2-4.

JPRS 13492

EEur - Bulgaria
Econ
Apr 62

192,391

(NY-6450)

Utilization of Machines in Bulgarian
Textile Industry, by Aron Mashlakh,
9 pp.

BULGARIAN, per, Tekstilna Promishlenost,
Vol X, No 2, 1961, pp 32-35.

JPRS 11949

EEur - Bulgaria
Econ
Jan 62

181,339

FULFILLMENT OF THE TEXTILE INDUSTRY PLAN, 5 PP

BULGARIAN, PER, TEKSTILNA PROMISHLENOST, NO 1,
1963, PP 1-2.

JPRS 19641

EEUR-BULGARIA

ECON

JUN 63

232,515

THE PROSPECTS OF THE TEXTILE INDUSTRY UP TO
1980, 21 PP.

BULGARIAN, PER, TEKSTILNA PROMISHLENOST, SOFIA,
VOL XI, NO 6, 1963, PP 1-6.

JPRS 198LS

EEUR - BULGARIA
ECON .
JUN 63

234,793

Telebrasil News, by Hugo P. Doores, 22 pp.

PORTUGUESE, rpt, Telebrasil Noticiario, Brazil,
Aug 1962. (CALL No. EAF 393953 Eng Tr)

Army Map Service

IA - Brazil

Econ

May 63

232,081

Achievements and Perspectives in the Telecommunications and Postal Sector, by Gheorghe Dima, Ernest Mandel. (Wk Econ Rpt on EBar, 246)

RUMANIAN, per, Telecomunicatii, Bucharest, Jan 1959
pp 1-3.

CIA/FDD Sum 2173

EBar - Romania

Econ

Apr 59

85,906

Radio Communications in Rumania,

RUMANIAN, per, Telecommunicatii, Jul-Aug 1959,
Bucharest, pp 150-155.

FID Sum 2413

Ref - Rumania

Recon - Transportation, Communications

Dec 59

103,396

SEPRE

(NY-3752)

Ten Years of Development of "Radio Popular"
Plant, by Teodor Abrihan, 3 pp.

RUMANIAN, per, Telecomunicatii, Vol III, No 6,
Nov/Dec 1959, Bucharest, p 241.

JPRS 5138

EEur - Rumania
Econ - Manufacturing
Aug 60

122,921

SETEE

(NY-5152)

Technical Development and Main Products of
"Radio Popular" Plant, by Felician Dumitru, 26 pp.

RUMANIAN, per, Telecomunicatii, Vol III, No 6,
Nov/Dec 1959, Bucharest, pp 242-250.

JPRS 5133

EEur - Rumania

Econ - Manufacturing

Aug 60

122,914

3 The Study of the Earth's Atmosphere and of Cosmic Space with the Help of Soviet Cosmic Rockets and Artificial Satellites, by Edmond Nicolson, 15 pp.

HUNAKIAN, per, Telecommunication, Nr. 1, 1960, pp 20-25.
9678610

FTD-TT-62-164

Sci - Space Res
Nov 62

216, 927

(NY-5564)

Planning: An Important Factor in the
Modernization of Romanian Telecommunications, by
D. R. EMI Mocanu, 3 pp.

RUMANIAN, per, TIE Telecommunicatii, No 4,
Jul/Aug 1960, pp 149, 150.

JPRS 7736

EEur - Romania

Econ

Feb 61

141,105

(DC-5951)

Combatting Noise in Rooms with Telecommunications Equipment, by Iordan I. Vasilescu, 14 pp.

RUMANIAN, per, Telecommunicatii, Vol IV,
No 6, 1960, pp 261-267.

JPRS 8733

Sci - Electron
Sep 61

X65,415

(SF-1855)

The Present Stage of Producing Ferrite
at the Electronica Plants, by
Felician D. Lazaroiu, 12 pp.

RUMANIAN, per, Telecommunicatii, Vol V,
No 1, 1961, pp 13-19.

JPRS 11962

EDur - Rumania
Econ
Jan 62

181, 3/6

Telecommunications in Mali, by Shiek Fal, 10 pp.

FRENCH, per, Les Telecommunications, Vol VIII,
No 80, July 1960.

UBASIA. Tr-1136

May 61

FE - Burma - *Mali*

Econ - communications

150, 109

(NY-6450)

New Rumanian Radio Receivers, by F. D.
Lazaroiu, 11 pp.

RUMANIAN, per, Telecomunicatii, Vol VI,
No 2, Mar/Apr 1962, pp 84-90.

JPRS 14187

EEur - Rumania

Econ

Jun 62

ESci - Engr, Eletrons

203,398

Methods of Increasing the capacity of Tele-
phonic Transmissions, by S. Condrea, 10 pp.

RUMANIAN, per, Telecommunicatii, Vol VI,
No 4, Jul-Aug 1962, pp 145-150.

JPRS 16204

Sci - Electronics

Nov 62

217, 713

Cables Used In Rumanian Telecommunications,
by C. Cruceru, 7 pp.

RUMANIAN, per, Telecomunicatii, No 4,
Jul-Aug 1962, pp 177-179.

JPRS 16323

ETur - Rumania
Econ
Nov 62

217,761

CALCULATION OF COST PRICES FOR TELECOMMUNICATION
SERVICES, BY ION CONSTANTINESCU, 7 PP.

RUMANIAN, PER, TELECOMUNICATII, VOL VII, NO 1,
1963, PP 1-4.

JPRS 19205

EEUR-RUMANIA
ECON.
MAY 63

231,094

Elementary Communication Circuits With Magnetic
Cones, by I. Alexiu, 12 pp.
RUMANIAN, per, Telecomunicatii, Vol VII, No 1,
Jan, Feb 1963, pp 12-18.
ACSI I-3607
ID 2250315

Sci - Electron
Sep 64

266,878

Distribution of Electromagnetic Field
and Current in the Ground in the Case of a
Vertical Antenna, by I. Constantinescu,
13 pp.
RUMANIAN, per, Telecommunicatii, Vol VII,
No 2, 1963, pp 45-50. 9696609
FTD-TT-65-78

Sci - Phys
Apr 65

278,351

~~SECRET~~ Directional Coupling Design Problems, by
Gh. Rulea, 11 pp.
RUMANIAN, per, Telecomunicatii, Vol VII, No 4,
1963, pp 159-164.
ACSI I-5413
ID 2204034364

Sci - Engr; Phys
Feb 65

275,590

Considerations About Some Properties of Linear
Modulation, by Alexandru Spataru, 11 pp.
RUMANIAN, per, Telecomunicatii, Vol VII, No 6,
Nov, Dec 1963, pp 241-245.
ACSI I-4824
ID 2204019664

Sci - Electron
Sep 64

266,879

Review and Preview of Telecommunications
Developments, by Grigore Marin, 7 pp.
RUMANIAN, per, Telecommunicatii, No 1,
Jan-Feb 1964, pp 1-4.
JPRS 24174

EE-Rumania
Econ
Apr 64

254, 422

Twenty Years of Achievements in Postal Service and
Telecommunications: 1944-1964, by Grigore Marin,
10 pp.
RUMANIAN, per, Telecommunicatii, Vol VIII, No 5,
1964, pp 193-197.
JPRS 27042

EE-Rumania
Econ
Dec 64

270,164

The Development of the Electronic Industry in the
Rumanian People's Republic, by Felician Lazaroiu,
25 pp.

RUMANIAN, per, Telecommunicatii, Vol VIII, No 5,
1964, pp 198, 209.
JPRS 27042

EE-Rumania
Econ
Dec 64

270,165

Magnetic Antennas for Short Waves, by
Valentin Tanach, Lucia Stanciulea, 12 pp.
RUMANIAN, per, Telecommunicatti, Vol VIII,
No 5, 1964, pp 222-226. P100127866
FTD-HT-66-206

Sci - Elect & Elec Engr
Feb 67

318,804

Achievements and Perspectives of the
Rumanian Telecommunications Cable Industry,
by Constantin Cruceru, 8 pp.
RUMANIAN, per, Telecommunicatii, No 9, Dec
1964, pp 359-363.
JPRS 29073

EE-Rumania
Econ
Mar 65

276,345

Telephone Directory of Southern Bohemia, 59 pp.
CZECH, bk, Telefonni Seznam pro kraj Jihocesky.
pp 1-20.
DIA LN 570-68

Sci/Misc
June 68

358,415

Construction Program For 1964-1968, 3 pp.
SPANISH, rpt, Telefonos de Mexico, Annual Report,
1963, 1964, pp 1; 2; 3.
DIA LN 575-68

North Amer
Econ
Apr 68

351,398

CR-91/62

~~(S)~~

Ljubljana Telephone Directory.

SLOV

SLOV, bk, Telefonski Imenik, 1961, pp 117-118.

ENIAN,

*JPRS/DC-6917

EEur - Yugoslavia

Soc

Jul 62

A New Design of an Electrolytic Trough for Measuring
Potential Fields, by J. Himpan, 16 pp.

GERMAN, per, Telefunken Rohre, No 16, 1939, pp 198-
209.

NRL 179

237769

Selection of Electrode Materials for Measuring Potential Fields, in an Electrolytic Trough, by R. Theile, J. Himpan, 10 pp.

GERMAN, per, Telefunken-Rohre, No 18, pp 50-57, Jun 1940.

NEL 104

CIA 2 ~~9857~~

2 37 7 58

Limit Sensitivity of Grid Controlled Tubes, Part II:
Effect of Feedbacks on the Noise Figure of Triodes,
by H. Rothe, 17 pp.

GERMAN, per, Die Telefunkenrohre, vol L, Jan/Feb
1953, pp 1-9.

SLA Tr 57-995

Sci - Physics

52,348

Sep 57

Limit Sensitivity of Grid-Controlled Tubes.
Part III. Experimental Testing of the Theory,
by H. Rothe, 37 pp.

GERMAN, per, Die Telefunkenrohre, Vol L, 1953,
p 1-22.

SLA 57-2259

Sci

Aug 58

69, 751

The Dielectric in the Field of Helical Conductors,
by M. Muller, 30 pp.

GERMAN, per, Die Telefunkenrohre, (special issue),
1953, pp 110-116.

SLA Tr 57-1192

Sci - Electronics
Jan 58

57,622

A Resistance Network for the Solution of
Poisson's Equation, by R. Hechtel, 8 pp.

GERMAN, per, Telefunken Rohre, Vol XXXII,
1955, pp 38-46.

CIA/FDD/Z-234

Sci - Physics, Electricity, ^{on 125} electron beams

May 1956

34,537

Schütze, H. J. and Dlouhy, F.
WAYS TO INCREASE THE RELIABILITY OF ELECTRON TUBES. [1962] 20p. 39 refs.
Order from SLA \$1.60 62-1809"

Trans. of Telefunken Röhre (Germany) 1961, no. 40,
p. 169-186.

DESCRIPTORS: *Electron tubes, Reliability, Production, Cathodes (Electron tubes), Materials, Life expectancy.

The reliability of electron tubes today is determined essentially by the material and processing parameters. The influence of some materials used in tube construction is discussed. In order to obtain stable tube characteristics, passive alloys containing tungsten are convenient cathode materials, passive and heat-resistant materials are suitable for anodes and non-evaporating getters for removing the residual gases. (Engineering--Electronic, TT, v. 8, no. 9) (over)

62-18097

I. Schütze, H. J.
II. Dlouhy, F.

Office of Technical Services

Iterative Parametric Amplification With Semiconductor
Reactance Diodes; by Peter Bobisch, Claus Sondhauss,
19 pp. GOVERNMENT USE ONLY
GERMAN, per, Die Telefunken Rohre, No 42,
1963, pp 125-144. 9692350
DDC ~~RKX~~ RSIC 146

Sci - Phys
May 64

256,983

VHF and DM Directional Links.

GERMAN, per, Telefunken.

SCIA Tr 788

Sci - Electronics

43,856

Calculation of the Radiation Diagrams of Antenna
Combinations, by R. Reehmann, 18 pp.

GERMAN, per, Telefunken Ztg, Vol X, No 53, 1929,
pp 54-60.

SLA 57-2153

Sci
May 58

63,279

Glass to Cover Vacuum Seals, by W. Dusing, 35 pp.

GERMAN, per, Telefunken-Z., Vol XXVI, No 99,
Mar 1953, pp 111-120.

SLA Tr 57-1369

Sci - Tech

SLA 62-10102

67,913

Investigations on Oxide-Coated Cathodes With
Interface Resistance Layer, by A. P. Weber, 15 pp.

GERMAN, per, Telefunkenztg, Vol XXVI, Mar 1953,
pp 123-127.

SLA 57-2492

May 58

63,221

Transportation of Energy to the Antennas of
High-Power Short-Wave Stations, by W.
Berndt.

GERMAN, per Telefunken Zeitung, Vol. 27,
No. 104, 1954, pp 104-113
PMG/ENG

Sci -
Aug 67

337-636

Static Characteristics of the Non-Ideal Triode, by
W. Dahlke, 23 pp.

GERMAN, Ger, Telefunken Z, Vol XXVII, No 105, 1954,
p. 172-186.

SLA 57-30
ATS/407-GJ

Sci

Jul 59

91,317

Four-Pole Parameter Frequency Dependence of a
Transistor, by E. Kettel, G. Meyer-Brotz, 24 pp.

GERMAN, per, Telefunken-Ztg, Vol XXVII, No 106,
1954, pp 237-245. (loan copy only)

Sci
Aug 58

SLA 57-2801
ATS/384- BJ

70,480

Catalogue of the Maximally-Flat and Tschebyscheff Filters up to Degrees $n=5$, by E. Glowatzki, 18 pp.

GERMAN, per, Telefunken Ztg, Vol XXVIII, No 107, 1955, pp 14-22. (LOAN COPY ONLY)

5
SLA 57-2784
ATS/390-GJ

Sci
Aug 58

70,468

Determination of Electrode Forms in Pierce Electron
Guns, by R. Hechtel, 8 pp.

GERMAN, per, Telefunken Ztg, Vol XXVIII, 1955,
pp 222-226.

AEC Tr 4039

Sci
Jun 60

118,903

Radio Telescope.

DETAIL, par, Telefunken Zeitung, No 9, 1956.

TIL Tr 4729

Sci - Electronics
Ann 58

57,205

Receiving Power of the High-Frequency Receiving
Equipment of the Radio-Telescope, by P. Mann and
P. Mazgor.

GERMAN, per, Telefunken Ztg, Vol XXIX, No 113,
1956, pp 182-191.

CSIRO-3396

Sci

71, 336

Aug 58

Screening by Outer Conductors in Flexible
Coaxial Cables, by L. Krugel. UNCLASSIFIED

GERMAN, per, Telefunken Z, Vol LXIX, No 114,
1956, pp 256-266.

RAE Tr 714

Sci - Electronics
Sep 58

71,905